

## ELECTRONIC ENDOSCOPE APPARATUS

### ABSTRACT OF THE DISCLOSURE

5       An electronic endoscope apparatus has a light source,  
a pixel luminance detector, a division setter, an average block  
luminance calculator, a peak-luminance determiner, a  
representative luminance calculator, and a brightness  
adjuster. The division setter divides the subject image into  
10 a plurality of blocks composed of given pixels. The average  
block luminance calculator calculates a plurality of average  
block-luminance-levels. The peak-luminance determiner  
compares the average block-luminance-levels with each other  
in order to determine a substantially maximum average  
15 block-luminance-level from the plurality of average  
block-luminance-levels as a peak luminance level. The  
representative luminance calculator calculates a  
representative luminance level indicating a brightness of the  
subject image. The brightness adjuster adjusts the  
20 brightness of the subject image in accordance with the  
representative luminance level.